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(54) Title: DOMAIN EXPANSION ROM MEDIA WITH ADAPTED DOMAIN SHAPE FOR IMPROVED READOUT

(57) Abstract: The present invention relates to a domain expansion storage medium and manufacturing method with improved readout performance. The substrate of the storage medium and/or its storage layer is processed to define a predetermined shape of magnetic domains, adapted to the front of the thermal reading profile. In particular, reversed crescent shaped domains flipped in the track directions are defined. This allows improved resolution and jitter values.